

Appl. No. 09/746,354
Amdt. Dated October 28, 2004
Reply of Office Action of July 28, 2004

Docket No. NC 25767

Amendments to the Claims

This listing of claims will replace all prior versions,
and listings, of claims in the application:

Listing of Claims

- 1 Claim 1 (currently amended): A method for managing applications in a mobile device
2 ~~having~~ having storage capacity including a secondary storage location and a main
3 memory, the mobile device operating in a communications network having a network
4 storage location, the method comprising the steps of:
- 5 defining control parameters, said control parameters defining at least a
6 storage configuration for applications ~~including a selected program~~ within the
7 storage capacity of the mobile device, said application to be downloaded from
8 the network storage location;
- 9 receiving input signal for invoking said ~~selected program~~ application
10 within the storage capacity of ~~in~~ the mobile device, ~~wherein said selected~~
11 ~~program is stored in the network storage location;~~
- 12 performing storage management of said ~~selected program~~ applications
13 based on said control parameters as defined by said input ~~data~~ signal, said
14 storage management including downloading said ~~selected program~~
15 applications from the network into at least the main memory of the mobile
16 device; and

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17 executing said ~~selected-program~~ applications from the main memory of
18 said mobile device.

1 Claim 2 (currently amended): The method of claim 1, wherein the step of
2 defining control parameters comprises the step of ~~receiving~~ receiving input
3 data at the mobile device, said input data defining said control parameters.

1 Claim 3 (currently amended): The method of claim 2, wherein the step of
2 defining control parameters further comprises, before the step of receiving,
3 downloading a launcher program from the communications network into the
4 mobile device.

1 Claim 4 (currently amended): The method of claim 1, wherein the step of
2 performing storage management of said ~~selected-program~~ applications
3 comprises, before the step of downloading said ~~selected-program~~ applications
4 from the network, the step of determining that said ~~selected-program~~
5 application is not stored in the main memory of the mobile device.

1 Claim 5 (currently amended): The method of claim 1, wherein the step of
2 performing storage management of said ~~selected-program~~ applications
3 comprises, before the step of downloading said ~~selected-program~~ applications
4 from the network, the step of determining that said ~~selected-program~~
5 applications ~~is~~ are not stored in the secondary storage location of the mobile
6 device.

1 Claim 6 (currently amended): The method of claim 1, wherein the step of
2 performing storage management of said ~~selected-program~~ applications
3 comprises determining that said control parameters indicate that said ~~selected~~
4 ~~program~~ application is to be stored in the secondary storage location of the
5 mobile device, and the step of downloading said ~~selected-program~~
6 application from the network comprises downloading said ~~selected-program~~
7 application into the secondary storage location of the mobile device.

1 Claim 7 (currently amended): The method of claim 6, wherein the step of
2 executing said ~~selected-program~~ application comprises the step of

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3 downloading said ~~selected-program application~~ from the secondary storage
4 location into the main memory of the mobile device.

1 Claim 8 (currently amended): The method of claim 1, wherein the step of
2 performing storage management of said ~~selected-program application~~
3 comprises the step of determining that said ~~selected-program application~~ is
4 stored in the secondary storage location of the mobile device and that said
5 ~~selected-program application~~ has been corrupted in the secondary storage
6 location of the mobile device and wherein the step of downloading said
7 ~~selected-program application~~ into the mobile device comprises reloading
8 downloading said ~~selected-program application~~ into the secondary storage
9 location of the mobile device.

1 Claim 9 (currently amended): The method of claim 1, wherein the step of
2 performing storage management of said ~~selected-program application~~
3 comprises, before the step of downloading said ~~selected-program application~~
4 from the network, the steps of determining that said ~~selected-program~~
5 application is stored in the main memory of the mobile device and that said
6 ~~selected-program application~~ has been corrupted in the main memory of the
7 mobile device.

1 Claim 10 (currently amended): The method of claim 1, wherein ~~said~~ at least
2 one of said control parameters comprises a storage priority for said ~~selected~~
3 ~~program application~~ and wherein the method further comprises the steps of
4 storing said ~~selected-program application~~ in the main memory of the mobile
5 device until main memory capacity is needed.

1 Claim 11 (currently amended): A method for managing applications in a mobile
2 device ~~having~~ having storage capacity including a secondary storage location and a
3 main memory, the method comprising the steps of:

4 defining control parameters, said control parameters defining at least a
5 storage configuration for applications including a ~~selected-program~~ within the
6 storage capacity of the mobile device, said applications to be loaded into the
7 mobile device;

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8 receiving input signal for invoking said ~~selected program~~ applications
9 in the mobile device;

10 performing storage management of said ~~selected program~~
11 applications based on said control parameters as defined by said input ~~data~~
12 signal, said storage management including loading said ~~selected program~~
13 applications into the mobile device; and

14 executing said ~~selected program~~ applications from the main
15 memory of said mobile device.

1 Claim 12 (currently amended): The method of claim 11, wherein the step of
2 defining control parameters comprises the step of ~~receiving~~ receiving input
3 data at the mobile device, said input data defining said control parameters.

1 Claim 13 (currently amended): The method of claim 12, wherein the step of
2 defining control parameters further comprises, before the step of receiving
3 input signal, loading a launcher program into the mobile device.

1 Claim 14 (currently amended): An apparatus for managing applications in a mobile
2 device ~~having~~ having storage capacity including a secondary storage location and a
3 main memory the apparatus comprising:

4 an input device for defining control parameters, said control
5 parameters defining at least a storage configuration for applications ~~including~~
6 ~~a selected program~~ within the storage capacity of the mobile device, said
7 application to be loaded into the mobile device; said input device further for
8 receiving an input signal for invoking said ~~selected program~~ application in the
9 mobile device; and,

10 a processor coupled to said input device, said processor for performing
11 storage management of said ~~selected program~~ applications based on said
12 control parameters ~~as defined by said input data~~, said storage management
13 including loading said ~~selected program~~ applications into the mobile device,
14 and executing said ~~selected program~~ applications from the main memory of
15 said mobile device.

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1 Claim 15 (original): The apparatus of claim 14, wherein said input device
2 further receives input data at the mobile device, said input data defining said
3 control parameters.

1 Claim 16 (currently amended): The apparatus of claim 15, wherein the
2 processor further loads a launcher program into the mobile device before
3 loading said ~~selected program~~ applications.